

Electronic Acknowledgement Receipt

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| EFS ID: | 1066876 |
| Application Number: | 10801208 |
| Confirmation Number: | 2034 |
| Title of Invention: | Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition |
| First Named Inventor: | Kwang-hee Lee |
| Customer Number: | 20792 |
| Filer: | D. Randal Ayers/Michele McMahan |
| Filer Authorized By: | D. Randal Ayers |
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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes) | Multi Part | Pages |
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| 1 | | Response_5649_1277.pdf | 243109 | yes | 7 |

| | Multipart Description | | |
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| | Doc Desc | Start | End |
| | Amendment - After Non-Final Rejection | 1 | 1 |
| | Applicant Arguments/Remarks Made in an Amendment | 2 | 7 |
| Warnings: | | | |
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